

## Product datasheet for **TA504015**

### **FBXO21 Mouse Monoclonal Antibody [Clone ID: OTI6E7]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI6E7
<b>Applications:</b>	FC, IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human FBXO21(NP_296373) produced in HEK293T cell.
<b>Formulation:</b>	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.78 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	72.1 kDa
<b>Gene Name:</b>	F-box protein 21
<b>Database Link:</b>	<a href="#">NP_296373</a> <a href="#">Entrez Gene 231670 MouseEntrez Gene 360818 RatEntrez Gene 23014 Human O94952</a>



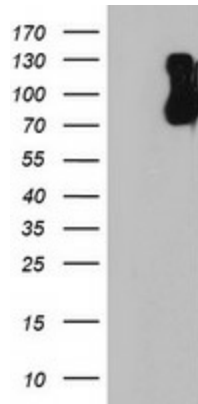
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**Background:**

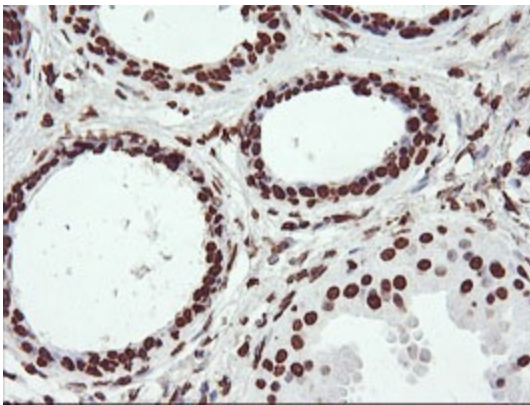
This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq]

**Synonyms:**

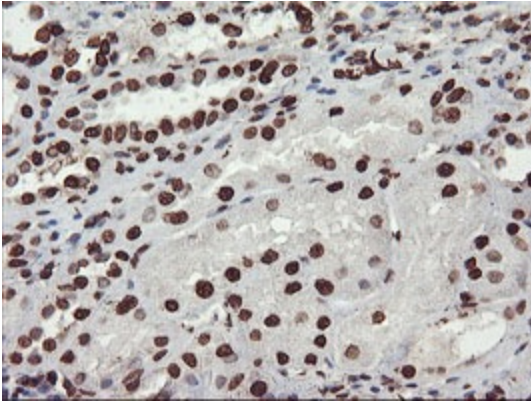
FBX21

**Product images:**

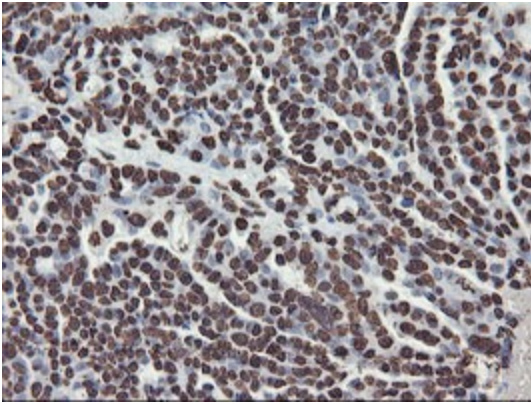
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FBXO21 ([RC223095], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FBXO21.



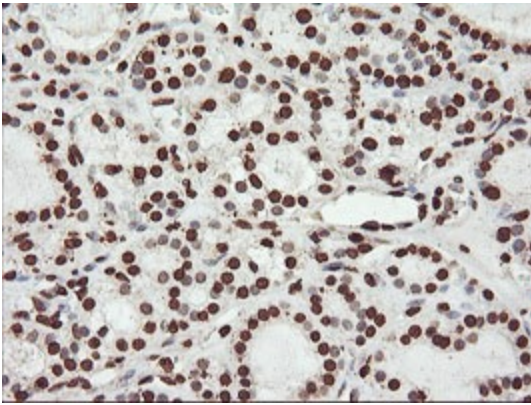
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)



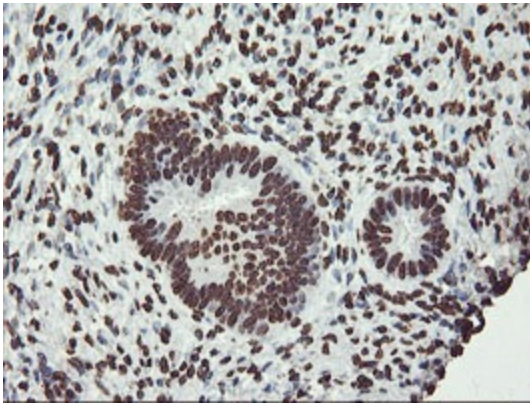
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)



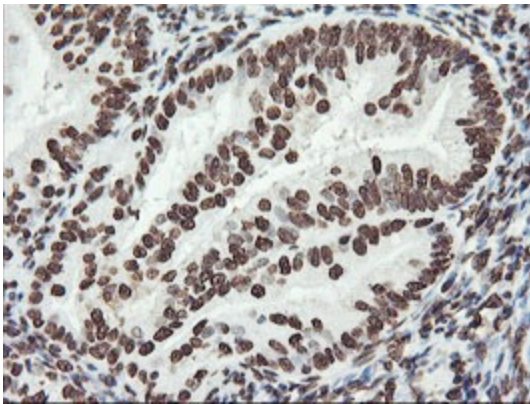
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)



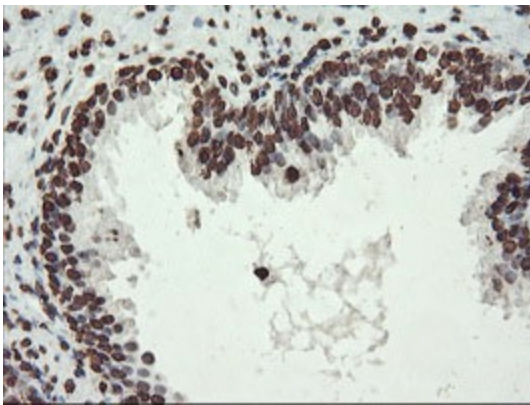
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)

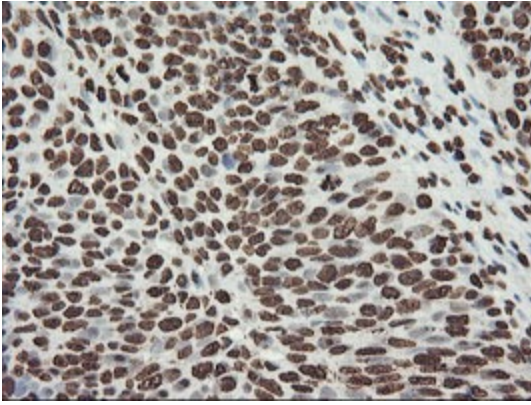


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)

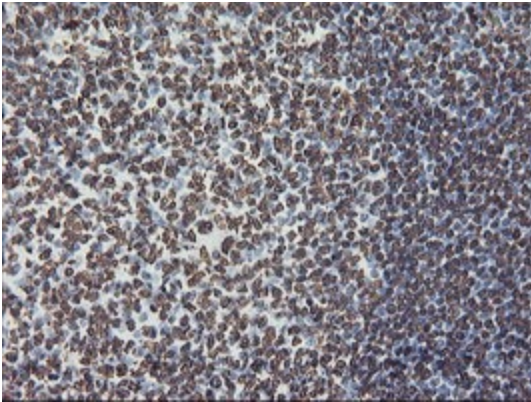


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)

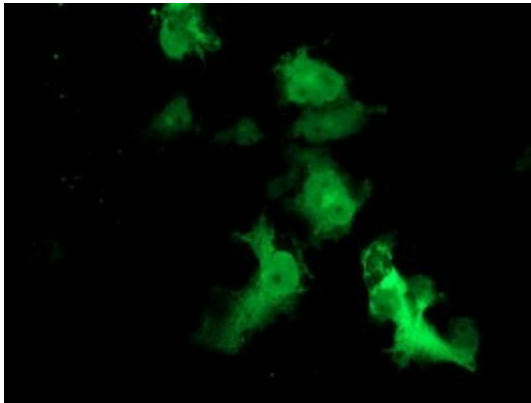




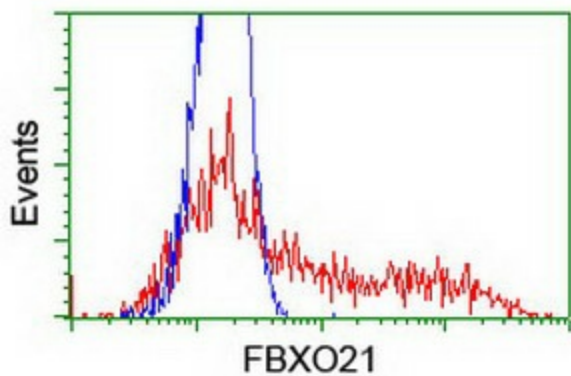
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)



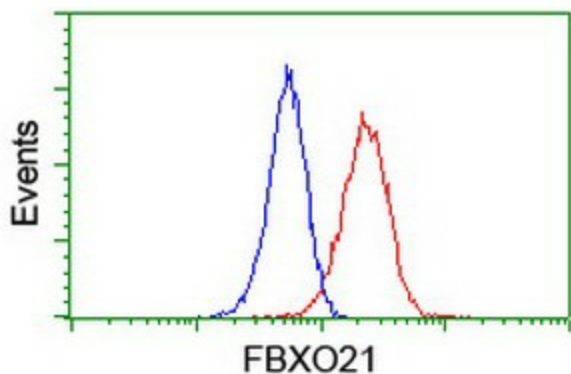
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-FBXO21 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504015)



Anti-FBXO21 mouse monoclonal antibody (TA504015) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FBXO21 ([RC223095]).



HEK293T cells transfected with either [RC223095] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-FBXO21 antibody (TA504015), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-FBXO21 antibody (TA504015), (Red), compared to a nonspecific negative control antibody, (Blue).